

Application/Control Number: 10/812,892

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Art Unit: 2800

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CLAIMS 1-14 CANCELED

15. Apparatus for cooling a power transformer comprising:

- (A) a cryogen storage vessel;
- (B) a power transformer having a radiator;

and

(C) means for passing cryogen from the cryogen storage vessel to the power transformer, said means comprising conduit means having a cryogenic valve and having at least one spray nozzle for spraying cryogen onto the power transformer radiator.

16. The apparatus of claim 15 further comprising a telemetry unit, means for passing a temperature measurement from the power transformer to the telemetry unit, and means for passing a signal from the telemetry unit to the cryogenic valve for controlling the operation of the cryogenic valve.

17. The apparatus of claim 15 wherein the means for passing cryogen from the cryogen storage vessel to the power transformer comprises a plurality of spray nozzles.